

LECTOTYPES OF TRICHOPTERA
FROM THE McLACHLAN COLLECTION
NOW IN
THE BRITISH MUSEUM (NATURAL HISTORY)

BY

D. E. KIMMINS *xuf.*

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LECTOTYPES OF TRICHOPTERA FROM THE McLACHLAN COLLECTION NOW IN THE BRITISH MUSEUM (NATURAL HISTORY)

By D. E. KIMMINS

IN common with other workers of his time, the distinguished "Neuropterist" Robert McLachlan, when describing a new species from more than one example, did not normally indicate a single specimen as the "type" of the species, but placed "Type" labels on all (or at least some) of that series upon which he was working. At various times, types have been designated for certain species, and it has now been considered desirable to collect together such information and to republish it together with designations of lectotypes for other species in his collection not already dealt with. In most cases the species concerned were described by McLachlan himself, but in the later years of his life he sent material to the Rev. A. E. Eaton and to Mr. K. J. Morton for study, and lectotypes of species described by these authors have also been included.

The McLachlan Collection was purchased by the British Museum (Natural History) in 1938, upon the death of Mr. H. McLachlan, nephew of the entomologist. Mr. Martin E. Mosely was then in charge of the Trichoptera at the British Museum (Nat. Hist.) and undertook the incorporation of the McLachlan Trichoptera into the main Museum Collections. McLachlan kept two collections, one of European and exotic material and one of British Trichoptera. Specimens in the latter collection bore no locality labels, but only a small, circular label with two numbers on it, referring to the year and accession number in his accession register, in which was entered details of locality, date, captor, etc. This register fortunately came to the Museum with his collection and details from it have been printed or transcribed and attached to the specimens.

Before incorporation of material from either collection, the following labels were attached to the specimens by Mosely. A printed B.M. registration label on blue paper, "McLachlan Coll., B.M. 1938-674" and in most cases also a printed label on blue paper, giving the name over which it was found in the McLachlan Collection.

McLachlan usually indicated his type-series with minute labels on pink or mauve paper, with the word "Type" printed on them. I do not think that the actual colour of the paper had any special significance. Standard British Museum type-labels (as used in the Entomological Dept.)—a circular label with the word "Type" encircled with a red ring—have since been added by Mosely or myself, and in the case of species dealt with in this paper I have added my own label, LECTOTYPE or LECTOALLOTYPE, D. E. Kimmins det. 1956. The species are dealt with under their

original generic-specific combinations and the present combination, if different, is indicated under the original combination and is also cross-indexed under the present combination. This has been done because the original combination is fixed and definite, whereas the present combination is sometimes a matter of opinion. Species are arranged alphabetically under genus and species in families.

Family RHYACOPHILIDAE

Agapetus pactus McLachlan, 1879, p. 481.

Kimmins, 1949, p. 37 (♂ holotype, ♀ allotype = LECTOTYPE ♂ and LECTOALLOTYPE ♀).

Synonym of *Agapetus laniger* (Pictet).

Agapetus celatus McLachlan, 1871, p. 139.

Kimmins & Denning, 1951, p. 112 (Type ♀ = LECTOTYPE ♀).

Agapetus delicatulus McLachlan, 1884, p. 67.

LECTOTYPE ♂. Pyrenees, 16/6. Eaton, 1878. B.M. 1938-674. Printed label (blue), *Agapetus delicatulus* McLach., det. McLachlan. LECTOALLOTYPE ♀. Same data.

Agapetus nimbulus McLachlan, 1879, p. 479.

LECTOTYPE ♂. McL. type-label (mauve). Bourg d'Oisans. Label in McL.'s writing, *Agapetus nimbulus* McL. B.M. 1938-674. Printed label (blue), *Agapetus nimbulus* McLach., det. McLachlan.

This specimen has had the abdomen removed, cleared and placed in a small tube of glycerine.

Catagapetus nigrans McLachlan, 1884, p. 68.

LECTOTYPE ♂. McL. type-label (pink). Apennino Pistoiese, Eaton, 1882. 27.vii.82. Label in McL.'s writing, *Catagapetus nigrans* McL. B.M. 1938-674. Printed label (blue), *Catagapetus nigrans* McLach., det. McLachlan. LECTOALLOTYPE ♀. Same data.

Glossosoma privatum McLachlan, 1884, p. 65.

LECTOTYPE ♂. McL. type-label (mauve). Villa Real, 24/6. Eaton, Portugal, 1880. Label in McL.'s writing, *Glossosoma privatum* McL. Printed label (blue), *Glossosoma privatum* McLach., det. McLachlan.

Glossosoma spoliatum McLachlan, 1879, p. 473.

LECTOTYPE ♂. McL. type-label (mauve). Pau, 18/6. Eaton, 1878. Label in McL.'s writing, *Glossosoma spoliatum* McL. B.M. 1938-674. Printed label (blue), *Glossosoma spoliatum* McLach., det. McLachlan. LECTOALLOTYPE ♀. Same data.

Hydrobiosis frater McLachlan, 1868a, p. 207.

LECTOTYPE ♂. Christchurch, N.Z., Fereday. Label in McL.'s writing, *Hydrobiosis frater* McL. B.M. 1938-674. LECTOALLOTYPE ♀. Same data.

Lectotype ♂ with right wings between celluloid sheets, abdomen mounted in canada balsam, lectoallotype ♀ with abdomen mounted in canada balsam.

Hydrobiosis umbripennis McLachlan, 1868a, p. 208.

Mosely & Kimmins, 1953, p. 413 (Type ♂ = LECTOTYPE).

LECTOALLOTYPE ♀. Christchurch, N.Z., Fereday. Label in McL.'s writing, *Hydrobiosis umbripennis* McL. B.M. 1938-674.

Right wings between celluloid sheets, abdomen mounted in canada balsam.

Neurochorema confusum (McLachlan). See ***Psilochorema***.

Pseudagapetus diversus McLachlan, 1884, p. 67.

LECTOTYPE ♂. McL. type-label (mauve). Cea, 4/6. Eaton, Portugal, 1880. Label in McL.'s writing, *Pseudagapetus diversus* McL. B.M. 1938-674. Printed label (blue), *Pseudagapetus diversus* McLach., det. McLachlan. LECTOALLOTYPE ♀. Villa Real, 22/6, otherwise as in male.

The lectotype ♂ now lacks its head.

Present combination. *Synagapetus diversus* (McL.).

Pseudagapetus insons McLachlan, 1879, p. 487.

LECTOTYPE ♂. McL. type-label (mauve). Pyrenees, 6/6. Eaton, 1878. Label in McL.'s writing, *Pseudagapetus insons* McL. B.M. 1938-674. Printed label (blue), *Pseudagapetus insons* McLach., det. McLachlan. LECTOALLOTYPE ♀. Same data.

Present combination. *Synagapetus insons* (McLachlan).

Psilochorema confusum McLachlan, 1868a, p. 210.

LECTOTYPE ♂. New Zealand. Label in McL.'s writing, *Psilochorema confusum* McL., Type. B.M. 1938-674. LECTOALLOTYPE ♀. Same data.

The lectotype now lacks both anterior and left posterior wings, the lectoallotype both left wings.

Present combination. *Neurochorema confusum* (McL.).

Psilochorema mimicum McLachlan, 1866b, p. 274.

Mosely & Kimmins, 1953, pp. 426-428 ((Type ♂ = LECTOTYPE ♂).

LECTOALLOTYPE ♀. N. Zeal., 54.4.

None of the type-series bears a determination label by McLachlan, that on the lectotype ♂ being in W. F. Kirby's writing.

***Ptilocolepus extensus* McLachlan, 1884, p. 70.**

LECTOTYPE ♂. McL. type-label (mauve). Cea, 11/6. Eaton, Portugal, 1880. Label in McL.'s writing, *Ptilocolepus extensus* McL. B.M. 1938-674. Printed label (blue), *Ptilocolepus extensus* McLach., det. McLachlan. LECTOALLOTYPE ♀. Same data.

***Rhyacophila adjuncta* McLachlan, 1884, p. 63.**

LECTOTYPE ♂. McL. type-label (mauve). Villa Real, 25/6. Eaton, Portugal, 1880. Label in McL.'s writing, *Rhyacophila adjuncta* McL. B.M. 1938-674. Printed label (blue), *Rhyacophila adjuncta* McLach., det. McLachlan. LECTOALLOTYPE ♀. Date, 23/6, otherwise as in male.

The lectotype has had the right clasper removed (? by McLachlan).

***Rhyacophila albardana* McLachlan, 1879, p. 437.**

LECTOTYPE ♂. McL. type-label (mauve). La Grave. Label in McL.'s writing, *albardana* McL. B.M. 1938-674. Printed label (blue), *Rhyacophila albardana* McLach., det. McLachlan. LECTOTYPE ♀. Same data.

Lectotype with right clasper missing.

***Rhyacophila aquitanica* McLachlan, 1879, p. 457.**

LECTOTYPE ♂. McL. type-label (mauve). Mt. Mezenc, 2/8. Eaton, 1878. Label in McL.'s writing, *aquitanica* McL. B.M. 1938-674. Printed label (blue), *Rhyacophila aquitanica* McLach., det. McLachlan. LECTOALLOTYPE ♀. Same data.

***Rhyacophila contracta* McLachlan, 1879, p. 449.**

LECTOTYPE ♂. McL. type-label (mauve). Pyrenees, 12/6. Eaton, 1878. Label in McL.'s writing, *contracta* McL. B.M. 1938-674. Printed label (blue), *Rhyacophila contracta* McLach., det. McLachlan. LECTOALLOTYPE ♀. Same data.

***Rhyacophila denticulata* McLachlan, 1879, p. 443.**

LECTOTYPE ♂. McL. type-label (mauve). Pyrenees, 2/7. Eaton, 1878. Label in McL.'s writing, *denticulata* McL. B.M. 1938-674. Printed label (blue), *Rhyacophila denticulata* McLach., det. McLachlan. LECTOALLOTYPE ♀. Same data, except date, 21/6.

***Rhyacophila eatoni* McLachlan, 1879, p. 463.**

LECTOTYPE ♂. McL. type-label (mauve). Pyrenees, 6/6. Eaton, 1878. Label in McL.'s writing, *eatoni* McL. B.M. 1938-674. Printed label (blue), *Rhyacophila eatoni* McLach., det. McLachlan. LECTOALLOTYPE ♀. Same data.

Rhyacophila evoluta McLachlan, 1879, p. 438.

LECTOTYPE ♂. McL. type-label (mauve). Le Lioran, 27/7. Eaton, 1878. Label in McL.'s writing, *evoluta* McL. B.M. 1938-674. Printed label (blue), *Rhyacophila evoluta* McLach., det. McLachlan.

Rhyacophila fraudulenta McLachlan, 1879, p. 450.

LECTOTYPE ♂. McL. type-label (mauve). Le Lioran, 25/7. Eaton, 1878. Label in McL.'s writing, *fraudulenta* McL. B.M. 1938-674. Printed label (blue), *Rhyacophila fraudulenta* McLach., det. McLachlan.

The two paratypes from Monte Rosa, collected by Staudinger, are no longer in the McLachlan collection.

Rhyacophila glareosa McLachlan, 1867, p. 62.

LECTOTYPE ♂. McL. type-label (mauve). Stelzing, Jul. 61. 23. Zeller. Label in McL.'s writing, *glareosa* (Type). B.M. 1938-674. Printed label (blue), *Rhyacophila glareosa* McLach., det. McLachlan. LECTOALLOTYPE ♀. Same data but no number (23).

Rhyacophila hageni McLachlan, 1879, p. 447.

LECTOTYPE ♂. McL. type-label (mauve). Altvater. Label in McL.'s writing, *hageni* McL. B.M. 1938-674. Printed label (blue), *Rhyacophila hageni* McLach., det. McLachlan. LECTOALLOTYPE ♀. Same data.

Rhyacophila intermedia McLachlan, 1868, p. 306.

LECTOTYPE ♂. McL. type-label (pink). Bruck a/M., Aug. 67. Label in McL.'s writing, *intermedia* McL. B.M. 1938-674. Printed label (blue), *Rhyacophila intermedia* McLach., det. McLachlan.

Rhyacophila lusitanica McLachlan, 1884, p. 63.

LECTOTYPE ♂. McL. type-label (mauve). Cea, 9/6. Eaton, Portugal, 1880. Label in McL.'s writing, *Rhyacophila lusitanica* McL. B.M. 1938-674. Printed label (blue), *Rhyacophila lusitanica* McLach., det. McLachlan. LECTOALLOTYPE ♀. Same data.

Rhyacophila munda McLachlan. 1862, p. 309.

Kimmins, 1949, p. 37 (♂ type = LECTOTYPE ♂).

Rhyacophila obliterata McLachlan, 1863b, p. 134.

Kimmins, 1949, p. 37 (♂ type = LECTOTYPE ♂).

Rhyacophila obtusidens McLachlan, 1879, p. 440.

LECTOTYPE ♂. Pyrenees, 30/5. Eaton, 1878. B.M. 1938-674. Printed label (blue), *Rhyacophila persimilis* McLach., det. McLachlan.

In his original description, McLachlan quotes examples from Gave de Pau, Orthez, Basses Pyrenees, 30th May and Défilé de Pierre Lis, near Quillan, Aude, Eaton. He also mentions "Switzerland (stated by Meyer-Dur to be general and to occur from the beginning of March up to the end of November)". This quotation suggests that McLachlan had no actual specimens from Switzerland at that time. He certainly received some later, one of which is dated 5/92, the others without year date. If, as I believe, they were all received subsequently, then the type-series must be those quoted above, and in 1880, p. lxxv, he transfers these specimens to *R. persimilis*, which explains the *persimilis* determination label. Both *obtusidens* and *persimilis* are now considered to be synonyms of *R. dorsalis* Curtis.

***Rhyacophila occidentalis* McLachlan, 1879, p. 438.**

LECTOTYPE ♂. McL. type-label (mauve). Pyrenees, 8/6. Eaton, 1878. Label in McL.'s writing, *occidentalis* McL. B.M. 1938-674. Printed label (blue), *Rhyacophila occidentalis* McLach., det. McLachlan.

***Rhyacophila persimilis* McLachlan, 1879, p. 440.**

LECTOTYPE ♂. Königsee, Brauer. B.M. 1938-674. Printed label (blue), *Rhyacophila persimilis* McLach., det. McLachlan. LECTOALLOTYPE ♀. Same data.

See remarks about *R. obtusidens* McL., above.

***Rhyacophila philopotamoides* McLachlan, 1879, p. 463.**

LECTOTYPE ♂. McL. type-label (mauve). Pyrenees, 24/6. Eaton, 1878. Label in McL.'s writing, *philopotamoides* McL. B.M. 1938-674. Printed label (blue), *Rhyacophila philopotamoides* McLach., det. McLachlan.

***Rhyacophila praemorsa* McLachlan 1879, p. 447.**

LECTOTYPE ♂. McL. type-label (mauve). Spa. Label in McL.'s writing, *praemorsa* McL. B.M. 1938-674. Printed label (blue), *Rhyacophila praemorsa* McLach., det. McLachlan.

***Rhyacophila proxima* McLachlan, 1880, p. lxxvi.**

LECTOTYPE ♂. McL. type-label (mauve). Tanninges, Savoy, 9/9/1879. Label in McL.'s writing, *proxima* McL. B.M. 1938-674. Printed label (blue), *Rhyacophila proxima* McLach., det. McLachlan. LECTOALLOTYPE ♀. Samoens, 5/9/1879, other data as in male.

***Rhyacophila relictæ* McLachlan, 1879, p. 442.**

LECTOTYPE ♂. McL. type-label (mauve). Pyrenees, 17/6. Eaton, 1878. Label in McL.'s writing, *relictæ* McL. B.M. 1938-674. Printed label (blue), *Rhyacophila relictæ* McLach., det. McLachlan. LECTOALLOTYPE ♀. Same data.

Rhyacophila rectispina McLachlan, 1884, p. 60.

LECTOTYPE ♂. McL. type-label (pink). Val Anzasca 22.vii.82. Label in McL.'s writing, *rectispina* McL. B.M. 1938-674. Printed label (blue), *Rhyacophila rectispina* McLach., det. McLachlan. LECTOALLOTYPE ♀. Same data.

Rhyacophila rupta McLachlan, 1879, p. 450.

LECTOTYPE ♂. McL. type-label (mauve). Pyrenees, 26/6. Eaton, 1878. Label in McL.'s writing, *rupta* McL. B.M. 1938-674. Printed label (blue), *Rhyacophila rupta* McLach., det. McLachlan. LECTOALLOTYPE ♀. Date 20/6, otherwise as in male.

Rhyacophila septentrionis McLachlan, 1865, p. 157.

Kimmins, 1949, p. 37 (♂ type = LECTOTYPE ♂).

Synagapetus diversus (McLachlan). See *Pseudagapetus*.

Synagapetus dubitans McLachlan, 1879, p. 484 (♀); 1880, p. lxxviii (♂).

HOLOTYPE ♀. McL. type-label (mauve). Autun. Label in McL.'s writing, *Synagapetus dubitans* McL. B.M. 1938-674. Printed label (blue), *Synagapetus dubitans* McLach., det. McLachlan. LECTOALLOTYPE ♂. St. Aubin, 29/8. B.M. 1938-674. Printed label (blue), *Synagapetus dubitans* McLach., det. McLachlan.

Synagapetus insons (McLachlan). See *Pseudagapetus*.

Family PHILOPOTAMIDAE

Dolophilus copiosus McLachlan, 1868, p. 303.

LECTOTYPE ♂. McL. type-label (pink). Zeller, Carinthia. 27/5/67. Label in McL.'s writing, *copiosus* McL. B.M. 1938-674. Printed label (blue), *Dolophilus copiosus* McLach., det. McLachlan. LECTOALLOTYPE ♀. McL. type-label (mauve). Date, 20/7/57. Otherwise as in male.

The lectotype has had the abdomen cleared and mounted as a microscope preparation in canada balsam.

Present combination. *Wormaldia copiosa* (McL.).

Dolophilus corvinus McLachlan, 1884, p. 49.

LECTOTYPE ♂. McL. type-label (mauve). Cea, 9/6. Eaton, Portugal, 1880. Label in McL.'s writing, *Dolophilus corvinus* McL. B.M. 1938-674. Printed label (blue), *Dolophilus corvinus* McLach., det. McLachlan. LECTOALLOTYPE ♀. Same data.

The lectotype has had the abdomen removed, cleared and mounted as a microscope preparation.

Present combination. *Wormaldia corvina* (McL.).

***Dolophilus pullus* McLachlan, 1878, p. 389.**

LECTOTYPE ♂. McL. type-label (mauve). Meyer-Dur, Helvet. Label in McL.'s writing, *Dolophilus pullus* McL. B.M. 1938-674. Printed label (blue), *Dolophilus pullus* McLach., det. McLachlan.

The abdomen has been mounted as a microscope preparation.

Present combination. *Wormaldia pulla* (McL.).

***Philopotamus amphilectus* McLachlan, 1884, p. 48.**

LECTOTYPE ♂. McL. type-label (pink). Cea, 4/6. Eaton, Portugal, 1880. Label in McL.'s writing, *Philopotamus amphilectus* McL. B.M. 1938-674. Printed label (blue), *Philopotamus amphilectus* McLach., det. McLachlan.

***Philopotamus ludificatus* McLachlan, 1878, p. 382.**

Kimmins, 1949, p. 35, (♂ holotype, ♀ allotype = LECTOTYPE ♂, LECTOALLOTYPE ♀).

***Philopotamus montanus* (Donovan), var. *cesareus* McLachlan, 1884, p. 47.**

LECTOTYPE ♂. Jersey. B.M. 1938-674. Printed label (blue), *Philopotamus montanus*, var. *cesareus* McLach., det. McLachlan. LECTOALLOTYPE ♀. Same data.

***Philopotamus variegatus* (Scopoli), var. *hispanicus* McLachlan, 1878, p. 386.**

LECTOTYPE ♀. Spain, Sierra de Gredos. B.M. 1938-674. Printed label (blue), *Philopotamus variegatus* Scop., var. *hispanicus* McLach., det. McLachlan.

***Philopotamus insularis* McLachlan, 1878, p. 384.**

LECTOTYPE ♂. Guernsey. B.M. 1938-674. Printed label (blue), *Philopotamus insularis* McLach., det. McLachlan. LECTOALLOTYPE ♀. Same data.

It may be pointed out that mixed with McLachlan's type-series, were two male *Rhyacophila septentrionis* and one male *Plectrocnemia geniculata*.

***Philopotamus perversus* McLachlan, 1884, p. 46.**

LECTOTYPE ♂. McL. type-label (pink). Villa Real, 25/6. Eaton, Portugal, 1880. Label in McL.'s writing, *Philopotamus perversus* McL. B.M. 1938-674. Printed label (blue), *Philopotamus perversus* McLach., det. McLachlan. LECTOALLOTYPE ♀. McL. type-label (pink). Ruivães, 29/6. Other data as in male.

Wormaldia copiosa (McLachlan). See *Dolophilus*.

Wormaldia corvina (McLachlan). See *Dolophilus*.

Wormaldia pulla (McLachlan). See *Dolophilus*.

Wormaldia subnigra McLachlan, 1865, p. 142.

LECTOTYPE ♂. N. Wales, P. C. Wormald. 35/64. B.M. 1938-674. Printed label (blue), *Wormaldia subnigra* McLach., det. McLachlan.

This specimen is the only one from any of the original localities mentioned by McLachlan. The abdomen has been removed, cleared and preserved in a small tube of glycerine, attached to the staging pin.

Family POLYCENTROPODIDAE

Cyrnus cintranus McLachlan, 1884, p. 54.

LECTOTYPE ♂. McL. type-label (pink). Cintra, 29/4. Eaton, Portugal, 1880. Label in McL.'s writing, *Cyrnus cintranus* McL. B.M. 1938-674. Printed label (blue), *Cyrnus cintranus* McLach., det. McLachlan. LECTOALLOTYPE ♀. Same data.

Cyrnus flavidus McLachlan, 1864, p. 29.

Kimmins, 1949, p. 36. (♂ type = LECTOTYPE ♂).

Cyrnus insolutus McLachlan, 1878, p. 406 ; 1898, p. 50.

Holotype is unique ♀.

Kimmins, 1949, p. 36 (♂ allotype = LECTOTYPE ♂).

Dipseudopsis collaris McLachlan, 1863, p. 496.

LECTOTYPE ♂. Circular blue label, on one side "Hong Kong", on other side, 61.49.

The second example mentioned by McLachlan (North China) is a female, and in the absence of any evidence that it is correctly associated with the lectotype, I do not propose to designate it as the allotype.

Dipseudopsis indica McLachlan, 1875*a*, p. 18.

LECTOTYPE ♂. McL. type-label (pink). India. Label in McL.'s writing, *Dipseudopsis indicus* McL. B.M. 1938-674. Label in Ulmer's writing, *Dipseudopsis indica* McL. 2 Stücke. LECTOALLOTYPE ♀. Same data, but lacking Ulmer's label.

The lectotype male now lacks both left wings and most legs. The lectoallotype has lost metathorax and abdomen.

Dipseudopsis stellata McLachlan, 1875*a*, p. 16.

The McLachlan collection contained seven examples labelled Shanghai, 4 ♂, 2 ♀ and one damaged specimen. His description applies only to the male sex and only one male example bears one of his type-labels. This suggests that the females at least are not of the type-series. Comparison of the writing on the determination labels confirms this and I am of the opinion that McLachlan only had the one

example before him when drawing up his description, which specimen automatically becomes the HOLOTYPE.

***Plectrocnemia apennina* McLachlan, 1884, p. 52.**

LECTOTYPE ♂. McL. type-label (pink). Apennino Pistoiese, Eaton, 1882. 27.vii.82. Label in McL.'s writing *Plectrocnemia apennina* McL. B.M. 1938-674. Printed label (blue), *Plectrocnemia apennina* McLach., det. McLachlan. LECTOALLOTYPE ♀. Same data.

The lectotype male has had the abdomen removed, cleared and preserved in a small tube of glycerine. The spelling of the specific name in the original publication and on McLachlan's labels was *apennina*. A Latin dictionary gives the spelling of the locality with only one "p", as is the case with the printed locality labels. I therefore consider the spelling *apennina* to be a *lapsus calami* and have emended it as above.

***Plectrocnemia brevis* McLachlan, 1871a, p. 145.**

LECTOTYPE ♂. McL. type-label (pink). Sedrun, 27 July. Label in McL.'s writing, *brevis* McL. Printed label (blue), *Plectrocnemia brevis* McL. B.M. 1938-674.

***Plectrocnemia conspersa* Curtis, var. *breviuscula* McLachlan, 1884, p. 51.**

LECTOTYPE ♂. McL. type-label (pink). Lago Silissi, 29.vii.1881. Label in McL.'s writing, *breviuscula*. B.M. 1938-674. Printed label (blue), *Plectrocnemia conspersa* Curt., var. *breviuscula* McLach., det. McLachlan. LECTOALLOTYPE ♀. Same data.

The female type has the abdomen detached and gummed on card.

***Plectrocnemia geniculata* McLachlan, 1871a, p. 145.**

LECTOTYPE ♂. McL. type-label (pink). Sedrun, 27 July. Label in McL.'s writing, *geniculata* McL. B.M. 1938-674. Printed label (blue), *Plectrocnemia geniculata* McLach., det. McLachlan.

***Plectrocnemia laetabilis* McLachlan, 1880, p. lxxiii.**

LECTOTYPE ♂. McL. type-label (mauve). Pyrenees, 24/6. Eaton, 1878. Label in McL.'s writing, *Plectrocnemia laetabilis* McL. B.M. 1938-674. Printed label (blue) *Plectrocnemia* McLach., det. McLachlan.

***Plectrocnemia scruposa* McLachlan, 1880, p. lxxii.**

LECTOTYPE ♂. McL. type-label (mauve). Pyrenees, 26/6. Eaton, 1878. Label in McL.'s writing, *Plectrocnemia scruposus* McL. B.M. 1938-674. Printed label (blue), *Plectrocnemia scruposa* McLach., det. McLachlan.

Polycentropus corniger McLachlan, 1884, p. 53.

LECTOTYPE ♂. McL. type-label (pink). Villa Real, 23/6. Eaton, Portugal, 1880. Label in McL.'s writing, *Polycentropus corniger* McL. B.M. 1938-674. Printed label (blue), *Polycentropus corniger* McLach., det. McLachlan. LECTOALLOTYPE ♀. Same data.

Polycentropus kingi McLachlan, 1881a, p. 254.

LECTOTYPE ♂. McL. type-label (mauve). Inverness-shire, Strathglass, vii-viii. 1880, J. J. F. X. King. 146. 1/81. Label in McL.'s writing *Polycentropus kingi* McL. B.M. 1938-674. Printed label (blue), *Polycentropus kingi* McLach., det. McLachlan. LECTOALLOTYPE ♀. Same data.

Polycentropus puerilis McLachlan, 1868a, p. 204.

LECTOTYPE ♂. McL. type-label (pink). Christchurch, N.Z., Fereday. Label in McL.'s writing, *Polycentropus puerilis* McL. B.M. 1938-674. LECTOALLOTYPE ♀. Same data.

Present combination. *Polyplectropus puerilis* (McLachlan).

Polycentropus subnebulosus McLachlan, 1865, p. 146.

Kimmins, 1949, p. 36 (♂ type = LECTOTYPE ♂).

Synonym of *Holocentropus dubius* (Rambur).

Polycentropus telifer McLachlan, 1884, p. 54.

LECTOTYPE ♂. McL. type-label (pink). Cintra, 31/5. Eaton, Portugal, 1880. Label in McL.'s writing, *Polycentropus telifer* McL. B.M. 1938-674. Printed label (blue), *Polycentropus telifer* McLach., det. McLachlan.

Polyplectropus puerilis (McLachlan). See *Polycentropus*.

Family PSYCHOMYIDAE

Ecnomus deceptor McLachlan, 1884, p. 55 ; Mosely, 1948, p. 103.

LECTOTYPE ♂. McL. type-label (pink). Bouillon, 9/7. Label in McL.'s writing, *Ecnomus deceptor* McL. B.M. 1938-674. Printed label (blue), *Ecnomus deceptor* McLach., det. McLachlan.

The lectotype male has had its abdomen removed, cleared and mounted in canada balsam. It is from this specimen that Mosely's description and figures of the male genitalia were made.

Lype auripilis McLachlan, 1884, p. 58.

LECTOTYPE ♂. McL. type-label (pink). Monchique, 19/5. Eaton, Portugal, 1880. Label in McL.'s writing, *Lype auripilis* McL. B.M. 1938-674. Printed label (blue), *Lype auripilis* McLach., det. McLachlan.

Psychomyia ctenophora McLachlan, 1884, p. 59.

LECTOTYPE ♂. McL. type-label (pink). Ponte de Morcellos, 12/6. Eaton, Portugal, 1880. Label in McL.'s writing, *Psychomyia ctenophora* McL. B.M. 1938-674. Printed label (blue), *Psychomyia ctenophora* McLach., det. McLachlan.

Psychomyia (Homoeocerus) derelicta McLachlan, 1863a, p. clii.

Kimmins, 1949, p. 37 (♀ type = LECTOTYPE ♀).

Tinodes assimilis McLachlan, 1865, p. 133.

Kimmins, 1949, p. 36 (♂ type = LECTOTYPE ♂).

Tinodes consueta McLachlan, 1871, p. 138.

Kimmins & Denning, 1951, p. 116 (♂ type = LECTOTYPE ♂).

Tinodes foedella McLachlan, 1884, p. 57.

LECTOTYPE ♂. McL. type-label (pink). Cea, 11/6. Eaton, Portugal, 1880. Label in McL.'s writing, *Tinodes foedella* McL. B.M. 1938-674. Printed label (blue), *Tinodes foedella* McLach., det. McLachlan. LECTOALLOTYPE ♀. Same data.

Tinodes merula McLachlan, 1882, p. 160.

LECTOTYPE ♀. McL. type-label (mauve). Madeira, 23/11. Label in McL.'s writing, *Tinodes merula* McL. B.M. 1938-674. Printed label (blue), *Tinodes merula* McLach., det. McLachlan.

Tinodes pallidula McLachlan, 1878, p. 419.

LECTOTYPE ♂. McL. type-label (mauve). Saxony. Label in McL.'s writing, *Tinodes pallidula* McL. B.M. 1938-674. Printed label (blue), *Tinodes pallidula* McLach., det. McLachlan. LECTOALLOTYPE ♀. Same data.

Tinodes pusilla MacLachlan, 1865, p. 132.

The type of this species has not been traced in McLachlan's collection. The specific name is available to replace *Tinodes aureole* McLachlan nec Zetterstedt.

Tinodes rostocki McLachlan, 1878, p. 420.

LECTOTYPE ♂. McL. type-label (mauve). Saxony. Label in McL.'s writing, *Tinodes rostocki* McL. B.M. 1938-674. Printed label (blue), *Tinodes rostocki* McLach., det. McLachlan. LECTOALLOTYPE ♀. Same data.

Tinodes zelleri McLachlan, 1878, p. 420.

LECTOTYPE ♂. Carinthia, Raibl Valley, 12 June 1867, Zeller. B.M. 1938-674. LECTOALLOTYPE ♀. McL. type-label (mauve). Zeller, Carinthia, 12/6/67. Label

in McL.'s writing, *Tinodes zelleri* McL. B.M. 1938-674. Printed label (blue), *Tinodes zelleri* McLach., det. McLachlan.

The lectotype male has been mounted as a microscope preparation.

Family HYDROPSYCHIDAE.

Amphipsyche proluta McLachlan, 1872, p. 70.

LECTOTYPE ♂. McL. type-label (pink). Amur Land. Label in McL.'s writing, *Amphipsyche proluta* McL. B.M. 1938-674. Printed label (blue), *Amphipsyche proluta* McLach., det. McLachlan. LECTOALLOTYPE ♀. Same data.

Cheumatopsyche albofasciata (McLachlan). See ***Hydropsyche***.

Chloropsyche evanescens McLachlan, 1880. p. lxix.

LECTOTYPE ♂. Amur Land. Label in McL.'s writing, *Chloropsyche evanescens* McL. B.M. 1938-674. Printed label (blue), *Chloropsyche evanescens* McLach., det. McLachlan.

The second male mentioned by McLachlan is no longer in his collection.

Diplectronea felix McLachlan, 1878, p. 376.

Kimmins, 1949, p. 35 (♂ type, ♀ allotype = LECTOTYPE ♂, LECTOALLOTYPE ♀).

Hydropsyche albofasciata McLachlan, 1872, p. 68.

LECTOTYPE ♂. McL. type-label (pink). Amur Land. Label in McL.'s writing, *albofasciata* McL. B.M. 1938-674. Printed label (blue), *Hydropsyche albofasciata* McLach., det. McLachlan.

Present combination. *Cheumatopsyche albofasciata* (McLachlan).

Hydropsyche bulbifera McLachlan, 1878, p. 362.

Kimmins, 1949, p. 35 (♀ allotype = LECTOALLOTYPE ♀).

Hydropsyche colonica McLachlan, 1871, p. 131.

Mosely & Kimmins, 1953, p. 320 (♂ type = LECTOTYPE ♂).

LECTOALLOTYPE ♀. McL. type-label (pink). Christchurch, N.Z., Fereday. Label in McL.'s writing, *Hydropsyche colonica* McL. B.M. 1938-674.

The lectoallotype female is the specimen referred to by Mosely (1953) as a paratype.

Hydropsyche consanguinea McLachlan, 1884, p. 42.

LECTOTYPE ♂. McL. type-label (pink). Persien. Label in McL.'s writing, *Hydropsyche consanguinea* McL. B.M. 1938-674. Printed label (blue), *Hydropsyche consanguinea* McLach., det. McLachlan. LECTOALLOTYPE ♀. Same data.

The lectotype male has had the abdomen removed, cleared and preserved in a small tube of glycerine.

Hydropsyche fimbriata McLachlan, 1862, p. 309.

Mosely & Kimmins, 1953, p. 318 (♂ type = LECTOTYPE ♂).

LECTOALLOTYPE ♀. N. Zeal. 54.4.

Hydropsyche ornatula McLachlan, 1878, p. 363.

Kimmins, 1949, p. 35 (♂ type, ♀ allotype = LECTOTYPE ♂, LECTOALLOTYPE ♀).

Hydropsyche stimulans McLachlan, 1878, p. 370.

LECTOTYPE ♂. McL. type-label (mauve). Turkestan. Label in McL.'s writing, *Hydropsyche stimulans* McL. B.M. 1938-674. Printed label (blue), *Hydropsyche stimulans* McLach., det. McLachlan.

Abdomen of lectotype in small tube of glycerine.

Macronema lautum McLachlan, 1862, p. 308.

LECTOTYPE ♀. Hong Kong. 61.49. Label in McL.'s writing, *M. lauta* McL. The lectotype has the right wings expanded and right antenna damaged.

Macronema polygrammatum McLachlan, 1871, p. 129.

Kimmins & Denning, 1951, p. 121 (♂ type = LECTOTYPE ♂).

Synonym of *Macronema transversum* (Walker).

Macronema radiatum McLachlan, 1872, p. 66.

LECTOTYPE ♂. McL. type-label (pink). Sibir. Or., Maack. Label in McL.'s writing, *Macronema radiatum* McL. B.M. 1938-674. Printed label (blue), *Macronema radiatum* McLach., det. McLachlan.

Smicridea fasciatella McLachlan, 1871, p. 136.

Kimmins & Denning, 1951, p. 120 (♂ holotype, ♀ allotype = LECTOTYPE ♂, LECTOALLOTYPE ♀).

Smicridea murina McLachlan, 1871, p. 137.

LECTOTYPE ♂. McL. type-label (pink). Chili. Label in McL.'s writing, *Smicridea murina* McL. B.M. 1938-674. LECTOALLOTYPE ♀. Same data.

The abdomen of the male has been mounted in canada balsam as a microscope preparation.

Smicridea saucia McLachlan, 1871, p. 137.

LECTOTYPE ♂. McL. type-label (pink). Peru. Label in McL.'s writing, *Smicridea saucia* McL. B.M. 1938-674.

The abdomen of the lectotype has been cleared in caustic potash solution and placed in glycerine in a small tube attached to the pin.

Family HYDROPTILIDAE

Agraylea pallicornis Eaton, 1873, p. 148.

LECTOTYPE ♂. McL. type-label (pink). Turin, Ghiliani. Label in McL.'s writing, *pallicornis* Etn. B.M. 1938-674. Printed label (blue), *Agraylea pallicornis* Eaton, det. McLachlan.

Present combination. *Allotrichia pallicornis* (Eaton).

Allotrichia pallicornis (Eaton). See *Agraylea*.

Hydroptila angustella McLachlan, 1865, p. 95.

LECTOTYPE ♀. Middlesex, R. Thames, Nr. Hampton, 12.vii.1865, R. McLachlan. 26/65. B.M. 1938-674. Printed label (blue), *Orthotrichia angustella* McLach., det. McLachlan.

Present combination. *Orthotrichia angustella* (McLachlan).

Of the three original specimens mentioned by McLachlan, only the example mentioned above can now be traced in his collection. This specimen now lacks the metathorax and abdomen.

Hydroptila campanulata Morton, 1896, p. 103.

LECTOTYPE ♂. Algeria, Eaton. Biskra, 8.ii.94. Label in Morton's writing, *campanulata*. B.M. 1938-674.

Lectotype male mounted as a microscope preparation in canada balsam by M.E. Mosely.

Hydroptila femoralis (Eaton). See *Phrixocoma*.

Hydroptila forcipata (Eaton). See *Phrixocoma*.

Hydroptila fortunata Morton, 1893, p. 76.

LECTOTYPE ♂. Grand Canary, 11/12/80. Label in Morton's writing, *Hydroptila fortunata*. B.M. 1938-674.

Specimen mounted in canada balsam as a microscope preparation by M. E. Mosely.

Hydroptila longispina McLachlan, 1884, p. 71.

LECTOTYPE ♂. McL. type-label (pink). Near Ambleside, viii.1881, J. J. F. X. King. 160. Label in McL.'s writing, *longispina* McL. B.M. 1938-674. Printed label (blue), *Hydroptila femoralis* Eaton, det. McLachlan. LECTOALLOTYPE ♀. Same data.

Synonym of *Hydroptila tineoides* Dalman.

Hydroptila occulta (Eaton). See *Phrixocoma*.

***Hydroptila serrata* Morton, 1898a, p. 108.**

LECTOTYPE ♂. McL. type-label (pink). Bône, 7.iv.96. Algeria, Eaton. Label in Morton's writing, *Hydroptila serrata*. B.M. 1938-674. Printed label (blue), *Hydroptila serrata* Mort., det. McLachlan. LECTOALLOTYPE ♀. Same data.

***Hydroptila stellifera* Morton, 1893, p. 75.**

LECTOTYPE ♂. Apennino Pistoiese, Eaton, 1882. 27.vii.82. Label in Morton's writing, *Hydroptila stellifera*. B.M. 1938-674. LECTOALLOTYPE ♀. McL. type-label (pink). Apennino Pistoiese, Eaton, 1882. 27.vii.82. Label in Morton's writing, *Hydroptila stellifera*. B.M. 1938-674. Printed label (blue), *Hydroptila stellifera* Mort., det. McLachlan.

I have selected as the lectotype male a specimen mounted in canada balsam as a microscope preparation by M. E. Mosely.

***Hydroptila uncinata* Morton, 1893, p. 77.**

LECTOTYPE ♂. Apennino Pistoiese, Eaton, 1882. 26.vii.82. Label in Morton's writing, *Hydroptila uncinata*. B.M. 1938-674. Printed label (blue), *Hydroptila uncinata* Mort., det. McLachlan.

The lectotype consists of two preparations, made by Morton, mounted between cover-glasses. These were originally attached to a pin, but have now been fastened by gummed strips to a microscope slide. The other two specimens mentioned have not been traced in the McLachlan collection.

***Ithytrichia lamellaris* Eaton, 1873, p. 140.**

LECTOTYPE ♂. McL. type-label (pink). Derbyshire, Sandy Brook, near Hanging Bridge, 14.vi.1871, A. E. Eaton. Label in McL.'s writing, *lamellaris* Etn. B.M. 1938-674. Printed label (blue), *Ithytrichia lamellaris* Eaton, det. McLachlan.

The type has been reduced by the action of pests to a thorax and one pair of wings. The paratype has been similarly affected.

Orthotrichia angustella* (McLachlan). See *Hydroptila*.**Oxyethira spinosella* McLachlan, 1884, p. 72.**

LECTOTYPE ♂. McL. type-label (pink). Madeira, 25/11/80. Label in McL.'s writing, *Oxyethira spinosella* McL. B.M. 1938-674. Printed label (blue), *Oxyethira spinosella* McLach., det. McLachlan. LECTOALLOTYPE ♀. Same data.

***Oxyethira unidentata* McLachlan, 1884, p. 73.**

LECTOTYPE ♂. McL. type-label (pink). Silves, 17/5. Eaton, Portugal, 1880. Label in McL.'s writing, *Oxyethira unidentata* McL. B.M. 1938-674. Printed label (blue), *Oxyethira unidentata* McLach., det. McLachlan.

***Phrixocoma femoralis* Eaton, 1873, p. 137.**

LECTOTYPE ♂. McL. type-label (pink). Derbyshire, Mappleton, 9-10.vi.1871, A. E. Eaton. Label in McL.'s writing, *femoralis* Etn. B.M. 1938-674. Printed label (blue), *Hydroptila femoralis* Eaton, det. McLachlan. LECTOALLOTYPE ♀. Same data.

Present combination. *Hydroptila femoralis* (Eaton), synonym of *Hydroptila tineoides* Dalman.

***Phrixocoma forcipata* Eaton, 1873, p. 135.**

LECTOTYPE ♂. McL. type-label (pink). Derbyshire, Mappleton, 9-10.vi.1871, A. E. Eaton. Label in McL.'s writing, *forcipata* Etn. B.M. 1938-674. Printed label (blue), *Hydroptila forcipata* Eaton, det. McLachlan. LECTOALLOTYPE ♀. Same data.

Present combination. *Hydroptila forcipata* (Eaton).

***Phrixocoma occulta* Eaton, 1873, p. 135.**

LECTOTYPE ♂. McL. type-label (pink). Label in McL.'s writing, *occulta* Etn. B.M. 1938-674. Printed label (blue), *Hydroptila occulta* Eaton, det. McLachlan.

The type and three paratypes were found, without any locality labels, in McLachlan's British Trichoptera collection.

Present combination. *Hydroptila occulta* (Eaton).

Family PHRYGANEIDAE

***Neuronia stålîi* McLachlan, 1868, p. 289.**

LECTOTYPE ♂. McL. type-label (pink). Sweden. Label in McL.'s writing, *stålîi* McL. (*Type*). B.M. 1938-674. Printed label (blue), *Oligostomis stalii* McLach.

Present combination. *Oligostomis stålîi* (McLachlan).

Oligostomis stålîi* (McLachlan). See *Neuronia*.**Phryganea obsoleta* McLachlan, 1865, p. 16.**

Kimmins, 1949, p. 33 (♂ type = LECTOTYPE ♂).

***Phryganea japonica* McLachlan, 1866a, p. 248.**

LECTOTYPE ♂. Hakodadi. Label in McL.'s writing, *Phryganea japonica* McL. B.M. 1938-674. LECTOALLOTYPE ♀. Japan. Other data as in male.

None of the specimens bears either a McL. type-label or has been marked as "type" by him. The lectotype male has been chosen from three males to which Mosely had attached co-type labels, two from McLachlan's collection and one from the British Museum series. I did not select the latter (although I have no doubt that it is one of the type series) because it does not bear a determination label by

McLachlan, only a hand-written label (not McLachlan, I believe) "Gen. *Holostomis*, new sp." The female allotype I have chosen from two in McLachlan's collection, whose determination labels are in writing which I think belongs to about the right period. I have rejected the specimens collected by Pryer, since at the time of publication of *japonica* he would only have been about sixteen years old.

Family LIMNephilidae

Allogamus hilaris (McLachlan). See *Halesus*.

Allogamus ligonifer (McLachlan). See *Halesus*.

Allogamus mendax (McLachlan). See *Halesus*.

Anabolia dualis (McLachlan). See *Arctoecia*.

Anabolia nervosa (Curtis), var. *putoni* McLachlan, 1884, p. 7.

LECTOTYPE ♂. McL. type-label (pink). Vosges, 1883, Label in McL.'s writing, var. *putoni* McL. B.M. 1938-674. Printed label (blue), *Anabolia nervosa* (Leach) Curtis, var. *putoni* McLach., det. McLachlan. LECTOALLOTYPE ♀. Data as male, but lacking McL. type-label and McL. MSS. label.

Anabolia soror McLachlan, 1875, p. 104.

LECTOTYPE ♂. 29/9/60, Zeller. B.M. 1938-674. Printed label (blue), *Anabolia soror* McLach., det. McLachlan. LECTOALLOTYPE ♀. Zeller. B. M. 1938-674. Printed label (blue), *Anabolia soror* McLach., det. McLachlan.

Anabolia sororcula McLachlan, 1876, p. viii (♂) ; 1880, p. xxiv (♀).

LECTOTYPE ♂. Minsk. Wankowicz. B.M. 1938-674. Printed label (blue), *Anabolia sororcula* McLach., det. McLachlan. LECTOALLOTYPE ♀. Finland, Sahlberg. B.M. 1938-674. Printed label (blue), *Anabolia sororcula* McLach., det. McLachlan. Synonym of *Anabolia soror* McLachlan.

Anisogamus difformis (McLachlan). See *Stenophylax*.

Anisogamus noricanus McLachlan, 1875, p. 110.

LECTOTYPE ♂. McL. type-label (mauve). Alp. noric., Nassfeld, Palmén. Label in McL.'s writing, *Anisogamus noricanus* McL. B.M. 1938-674. Printed label (blue), *Anisogamus noricanus* McLach., det. McLachlan.

Annitella (*Praeannitella*) *obscurata* (McLachlan). See *Chaetopteryx*.

Apatania eatoniana McLachlan, 1880, p. xlv.

LECTOTYPE ♂. McL. type-label (pink). Mt. Mezenc, 2/8. Eaton, 1878. Label in McL.'s writing, *Apatania eatoniana* McL. B.M. 1938-674. Printed label (blue) *Apatania eatoniana* McLach., det. McLachlan. LECTOALLOTYPE ♀. McL. type-label (mauve). Haute Loire, 1/8. Other data as in male.

Apatania frigida McLachlan, 1867, p. 57.

Kimmins & Denning, 1951, p. 121 (♂ holotype, ♀ allotype = LECTOTYPE ♂, LECTOALLOTYPE ♀).

Synonym of *Apatania stigmatella* (Zetterstedt).

Apatania majuscula McLachlan, 1872, p. 66.

LECTOTYPE ♂. McL. type-label (pink). Irkutsk, 20.v.66. Sibir. orient., Maack. Label in McL.'s writing, *Apatania majuscula* McL. B.M. 1938-674. Printed label (blue), *Apatania majuscula* McLach., det. McLachlan.

Apatania meridiana McLachlan, 1880, p. xlv.

LECTOTYPE ♂. McL. type-label (mauve). Pyrenees, 10/6. Eaton, 1878. Label in McL.'s writing *Apatania meridiana* McL. B.M. 1938-674. Printed label (blue), *Apatania meridiana* McLach., det. McLachlan. LECTOALLOTYPE ♀. Same data.

Apatania muliebris McLachlan 1866, p. 113; 1876, p. 215.

LECTOTYPE ♀. Sussex, Arundel, 22.viii.1865, R. McLachlan. 32/65. B.M. 1938-674. Printed label (blue), *Apatania muliebris* McLach., det. McLachlan.

The abdomen of the type has been made into a microscope preparation and attached to the pin of the specimen. In 1865 (footnote, p. 75) McLachlan gave a brief diagnosis of the species, without giving it a name; in 1866 he gave it the provisional name *muliebris*, and in 1876 he gave the first full description. I am of the opinion that the name should date from 1866.

Apatania wallengreni McLachlan, 1871b, p. 281.

Kimmins, 1949, p. 34 (♂ type, ♀ allotype = LECTOTYPE ♂, LECTOALLOTYPE ♀).

Arctoecia dualis McLachlan, 1875, p. 108.

LECTOTYPE ♀. McL. type-label (pink). Sweden. Label in McL.'s writing, *Arctoecia dualis* McL. B.M. 1938-674. Printed label (blue), *Arctoecia concentrica* Zett., det. McLachlan.

Present combination. *Anabolia dualis* (McLachlan), synonym of *Anabolia concentrica* (Zetterstedt).

Asynarchus fusorius (McLachlan). See *Stenophylax*.

Catadice estrellensis McLachlan, 1884, p. 13.

LECTOTYPE ♂. McL. type-label (mauve). Sabugueira, 5/6. Eaton, Portugal, 1880. Label in McL.'s writing, *Catadice estrellensis* McL. B.M. 1938-674. Printed

label (blue), *Catadice estrellensis* McLach., det. McLachlan. LECTOALLOTYPE ♀. McL. type-label (pink), otherwise as in male.

Present combination. *Drusus estrellensis* (McLachlan).

Chaetopteryx major McLachlan, 1876, p. 198.

Kimmins, 1949, p. 34 (♂ type = LECTOTYPE ♂).

LECTOALLOTYPE ♀. Roghfr [? Rogenhofer]. *Chaetopteryx villosa* Fb. Austr. B.M. 1938-674. Printed label (blue), *Chaetopteryx major* McLach., det. McLachlan.

Chaetopteryx obscurata McLachlan, 1884, p. 16 (♀).

LECTOALLOTYPE ♀. Vosges, 1883. B.M. 1938-674. Printed label (blue), *Chaetopteryx obscurata* McLach., det. McLachlan.

Present combination. *Annitella (Praeannitella) obscurata* (McLachlan).

Conisorophylax consors (McLachlan). See *Stenophylax*.

Conisorophylax montivagus (McLachlan). See *Stenophylax*.

Cryptothrix nebulicola McLachlan, 1867, p. 56.

LECTOALLOTYPE ♀. No 24 in collection sent to Mr. Curtis by M. Pictet, and subsequently purchased by the British Museum (Nat. Hist.). 24. Brévent. Purchased from Mr. Curtis. B.M. 1927-468.

Drusus estrellensis (McLachlan). See *Catadice*.

Drusus improvisus (McLachlan). See *Monocentra*.

Drusus melanchaetes McLachlan, 1876, p. 177.

LECTOTYPE ♂. McL. type-label (mauve). Gotthrd, 19.vii. Label in McL.'s writing, *Drusus melanchaetes* McL. B.M. 1938-674. Printed label (blue), *Drusus melanchaetes* McLach., det. McLachlan. LECTOALLOTYPE ♀. Furka. B.M. 1938-674. Printed label (blue), *Drusus melanchaetes* McLach., det. McLachlan.

Drusus monticola McLachlan, 1876, p. 174.

LECTOTYPE ♂. McL. type-label (mauve). Seefeld, Eaton. Label in McL.'s writing, *Drusus monticola* McL. B.M. 1938-674. Printed label (blue), *Drusus monticola* McLach., det. McLachlan.

Ecclisopteryx madida (McLachlan). See *Halesus*.

Glyphotaelius mutatus McLachlan, 1872, p. 60.

LECTOTYPE ♂. McL. type-label (pink). Sibir. Or., Maack. Label in McL.'s writing, *Glyphotaelius mutatus* McL. B.M. 1938-674. Printed label (blue), *Glyphotaelius mutatus* McLach. LECTOALLOTYPE ♀. Same data.

Present combination. *Nemotaulius (Macrotaulius) mutatus* (McLachlan).

Grammotaulius brevilinea McLachlan, 1871, p. 107.

LECTOTYPE ♀. McL. type-label (pink). Japan. Label in McL.'s writing, *Grammotaulius brevilinea* McL. B.M. 1938-674.

I am unable to recognize the second example referred to by McLachlan. All the other examples are collected by Pryer or Lewis, whose names would certainly have been mentioned by him.

Present combination. *Nemotaulius brevilinea* (McLachlan).

Grammotaulius sibiricus McLachlan, 1874, p. 40 ; 1876, p. iv ; 1880, p. xvi.

LECTOTYPE ♂. Sibir. orient., Maack. Label in McL.'s writing, *Grammotaulius sibiricus* McL. B.M. 1938-674. LECTOALLOTYPE ♀. Car. lad., Appelberg. Label in McL.'s writing, *Grammotaulius sibiricus* ♀. B.M. 1938-674. Printed label (blue), *Grammotaulius sibiricus* McLach.

The abdomens of both male and female have been mounted as microscope preparations.

Grammotaulius signatipennis McLachlan, 1876, p. iv (♂) ; 1880, p. xvii (♀).

LECTOALLOTYPE ♀. McL. type-label (pink). Sibir. orient. Maack. Labels in McL.'s writing, *Grammotaulius sibiricus* McL., *Grammotaulius signatipennis* ♀. B.M. 1938-674.

Halesus amplus McLachlan, 1894, p. 421.

LECTOTYPE ♂. McL. type-label (pink). Ta-chien-lu. Label in McL.'s writing, *Halesus amplus* McL. B.M. 1938-674. *Pseudostenophylax amplus* McL., det. M. E. Mosely. LECTOALLOTYPE ♀. McL. type-label (pink). Thibet, Tatsienlou, Mgr. F. Biet. Label in McL.'s writing, *Halesus amplus* McL. B.M. 1938-674.

The lectotype male has had the abdomen removed, cleared and mounted as a microscope preparation.

Present combination. *Pseudostenophylax amplus* (McLachlan).

Halesus hilaris McLachlan, 1876, p. 154.

LECTOTYPE ♂. McL. type-label (mauve). Airolo. Label in McL.'s writing, *Halesus hilaris* McL. B.M. 1938-674. Printed label (blue), *Halesus hilaris* McLach., det. McLachlan. LECTOALLOTYPE ♀. Same data.

Present combination. *Allogamus hilaris* (McLachlan).

Halesus ligonifer McLachlan, 1876, p. 155 ; 1884, p. 13.

LECTOALLOTYPE ♂. Vosges, 1883. B.M. 1938-674. Printed label (blue), *Halesus ligonifer* McLach., det. McLachlan.

Present combination. *Allogamus ligonifer* (McLachlan).

Halesus madidus McLachlan, 1867, p. 53.

LECTOTYPE ♂. McL. type-label (mauve). Stelzing, Jul. 61. Zeller. 61. Labels in McL.'s writing, *madidus* McL. (Type), *Ecclisopteryx madida* McL. B.M. 1938-674.

Printed label (blue), *Ecclisopteryx madida* McLach., det. McLachlan. LECTOALLOTYPE ♀. Data as in male, apart from *madidus* McL. (Type).

Present combination. *Ecclisopteryx madida* (McLachlan).

Halesus melampus McLachlan, 1876, p. 158.

LECTOTYPE ♂. McL. type-label (mauve). Airola. Label in McL.'s writing, *Halesus melampus* McL. B.M. 1938-674. Printed label (blue), *Halesus melampus* McLach., det. McLachlan.

Present combination. *Melampophylax melampus* (McLachlan).

Halesus mendax McLachlan, 1876, p. 156.

LECTOTYPE ♂. McL. type-label (mauve). Switzerland. Label in McL.'s writing, *Halesus mendax* McL. B.M. 1938-674. Printed label (blue), *Halesus mendax* McLach., det. McLachlan. LECTOALLOTYPE ♀. Same data.

Present combination. *Allogamus mendax* (McLachlan).

Hydatophylax infumatus (McLachlan). See *Stenophylax*.

Hydatophylax nigrovittatus (McLachlan). See *Platyphylax*.

Limnophilus centralis Curtis, var. *italicus* McLachlan, 1884, p. 6.

LECTOTYPE ♂. McL. type-label (pink). Apennino Pistoiese, Eaton, 2.viii.1882. Label in McL.'s writing, *L. centralis*, var. *italicus* McL. B.M. 1938-674. Printed label (blue), *Limnophilus centralis* Curt., var. *italicus* McL., det. McLachlan. LECTOALLOTYPE ♀. Same data.

Present combination. *Limnephilus centralis* Curtis, var. *italicus* McLachlan.

Limnophilus dispar McLachlan, 1873, p. 97.

LECTOTYPE ♂. Minsk, Wankowicz. Label in McL.'s writing, *L. dispar*. B.M. 1938-674. Printed label (blue), *Limnophilus dispar* McLach., det. McLachlan.

LECTOALLOTYPE ♀. 13/5/63, Zeller. Other labels as in male.

The male has one pair of wings removed and mounted on card.

Present combination. *Limnephilus dispar* McLachlan.

Limnophilus extricatus McLachlan, 1865, p. 49.

Kimmins, 1949, p. 34 (♂ type, ♀ allotype = LECTOTYPE ♂, LECTOALLOTYPE ♀).

Present combination. *Limnephilus extricatus* McLachlan.

Limnophilus miser McLachlan, 1875, p. 89.

Kimmins & Denning, 1951, p. 124 (type ♂, ♀ allotype = LECTOTYPE ♂, LECTOALLOTYPE ♀).

Present combination. *Limnephilus miser* McLachlan.

Limnophilus pantodapus McLachlan, 1875, p. 70.

LECTOTYPE ♂. McL. type-label (pink). Minute label, Lp. in. Label in McL.'s writing, *L. pantodapus* McL. B.M. 1938-674. Printed label (blue), *Limnophilus pantodapus* (Wlgr.) McL., det. McLachlan.

Present combination. *Limnephilus pantodapus* McLachlan.

Limnophilus picturatus McLachlan, 1875, p. 78.

LECTOTYPE ♀. McL. type-label (pink). Sweden. Label in McL.'s writing, *L. picturatus* McL. B.M. 1938-674. Printed label (blue), *Limnophilus picturatus* McLach., det. McLachlan.

Present combination. *Limnephilus picturatus* McLachlan.

Limnophilus politus McLachlan, 1865, p. 39.

Kimmins, 1949, p. 33 (♂ type, ♀ allotype = LECTOTYPE ♂, LECTOALLOTYPE ♀).

Present combination. *Limnephilus politus* McLachlan.

Limnephilus xanthodes McLachlan, 1875, p. 60.

LECTOTYPE ♂. Norfolk, Norwich and Ranworth Fen, 1871, C. G. Barrett. 6/71. B.M. 1938-674. Printed label (blue), *Limnophilus xanthodes* McLachlan. LECTOALLOTYPE ♀. Same data.

Melampophylax melampus (McLachlan). See *Halesus*.

Mesophylax aspersus Rambur, var. *canariensis* McLachlan, 1882, p. 157.

LECTOTYPE ♂. McL. type-label (mauve). Grand Canary, 11/12. Canaries, Eaton, 1880. Label in McL.'s writing, var. *canariensis* McLach. B.M. 1938-674. Printed label (blue), *Mesophylax aspersus* Ramb., var. *canariensis* McLach., det. McLachlan.

Mesophylax impunctatus McLachlan, 1884, p. 10.

LECTOTYPE ♂. McL. type-label (pink). Zürich, 15.v. Label in McL.'s writing, *Mesophylax impunctatus* McL. B.M. 1938-674. Printed label (blue), *Mesophylax impunctatus* McLach., det. McLachlan.

Micropterna fissa (McLachlan). See *Stenophylax*.

Micropterna nycterobia McLachlan, 1875, p. 139.

Kimmins, 1949, p. 34 (♀ type, ♀ allotype = LECTOTYPE ♂, LECTOALLOTYPE ♀).

Present combination. *Stenophylax nycterobia* (McLachlan).

Micropterna sequax McLachlan, 1875, p. 141.

Kimmins, 1949, p. 34 (♂ type = LECTOTYPE ♂).

Present combination. *Stenophylax sequax* (McLachlan).

Monocentra improvisa McLachlan, 1884, p. 15.

LECTOTYPE ♂. McL. type-label (pink). Apennino Pistoiese, 1.viii.1882, Eaton. Label in McL.'s writing, *Monocentra improvisa* McL. B.M. 1938-674. Printed label (blue), *Monocentra improvisa* McLach., det. McLachlan. LECTOALLOTYPE ♀. Date 2.viii.1882. otherwise as in male.

Present combination. *Drusus improvisus* (McLachlan).

Nemotaulius brevilinea (McLachlan). See *Grammotaulius*.

Nemotaulius (Macrotaulius) mutatus (McLachlan). See *Glyphotaenius*.

Platyphylax nigrovittatus McLachlan, 1872, p. 64.

LECTOTYPE ♂. McL. type-label (pink). Sibir. orient., Maack. Label in McL.'s writing, *Platyphylax nigrovittatus* McL. B.M. 1938-674. Printed label (blue), *Platyphylax nigro-vittatus* McLach., det. McLachlan. LECTOALLOTYPE ♀. Same data.

Present combination. *Hydatophylax nigrovittatus* (McLachlan).

Pseudopsilopteryx zimmeri (McLachlan). See *Psilopteryx*.

Pseudostenophylax amplus (McLachlan). See *Halesus*.

Pseudostenophylax amurensis (McLachlan). See *Stenophylax*.

Psilopteryx zimmeri McLachlan, 1876, p. 189.

LECTOTYPE ♂. McL. type-label (mauve). Airolo, 9.x. Label in McL.'s writing, *Psilopteryx zimmeri* McL. B.M. 1938-674. Printed label (blue), *Psilopteryx zimmeri* McLach., det. McLachlan.

Present combination. *Pseudopsilopteryx zimmeri* (McLachlan).

Pycnopsyche limbata (McLachlan). See *Stenophylax*.

Rhadicoleptus spinifer (McLachlan). See *Stenophylax*.

Rhadicoleptus ucnorum (McLachlan). See *Stenophylax*.

Stenophylax amurensis McLachlan, 1880, p. lxxxii.

LECTOTYPE ♀. McL. type-label (mauve). I. Askold, Amur. Label in McL.'s writing, *Stenophylax amurensis* McL. B.M. 1938-674. Printed label (blue), *Stenophylax amurensis* McLach., det. McLachlan.

According to McLachlan, there was also a female in the De Sélys collection. Ulmer (1907, *Coll. Zool. Sélys*, fasc. 6 (1), p. 24) makes no mention of this specimen in his

account of the main De Sélys collection of Trichoptera and it was presumably missing at that time. The example from the McLachlan collection has therefore been designated as lectotype.

Present combination. *Pseudostenophylax amurensis* (McLachlan).

Stenophylax consors McLachlan, 1880, p. xxxiii.

LECTOTYPE ♂. McL. type-label (mauve). Savoy, 17/9/79. Label in McL.'s writing, *Stenophylax consors* McL. B.M. 1938-674. Printed label (blue), *Stenophylax consors* McLach., det. McLachlan.

Present combination. *Consorophylax consors* (McLachlan).

Stenophylax difformis McLachlan, 1867, p. 51.

Kimmins, 1949, p. 34 (♂ type, ♀ allotype = LECTOTYPE ♂, LECTOALLOTYPE ♀).

Present combination. *Anisogamus difformis* (McLachlan).

Stenophylax fissus McLachlan 1875, p. 133.

LECTOTYPE ♂. McL. type-label (mauve). Montpellier. Label in McL.'s writing, *Stenophylax fissus* McL. B.M. 1938-674. Printed label (blue), *Micropterna fissa* McLach., det. McLachlan. LECTOALLOTYPE ♀. Tangier, Dec. 1873. Other data as for male.

Present combination. *Stenophylax fissus* McLachlan.

Stenophylax fusorius McLachlan, 1875, p. 116.

LECTOTYPE ♂. McL. type-label (mauve). Nr. alp. Label in McL.'s writing, *Stenophylax fusorius* McL. B.M. 1938-674. Printed label (blue), *Stenophylax fusorius* (Wlgr.) McLach., det. McLachlan.

Present combination. *Asynarchus fusorius* (McLachlan), synonym of *Asynarchus lapponicus* (Zetterstedt).

Stenophylax infumatus McLachlan, 1865, p. 63 (♂); 1875, p. 124 (♀).

LECTOTYPE ♂. McL. type-label (pink). Perthshire: Loch Rannoch dist., 2-12.vi.1865, R. McLachlan. 17/65. Label in McL.'s writing, *S. infumatus* McL. B.M. 1938-674. Printed label (blue), *Stenophylax infumatus* McLach., det. McLachlan. LECTOALLOTYPE ♀. Surrey, Haslemere, 1868, C. G. Barrett. 31/68. Other data as in male.

The lectoallotype female has been selected as it is the first female mentioned by McLachlan in his Monographic Revision.

Present combination. *Hydatophylax infumatus* (McLachlan).

Stenophylax limbatus McLachlan, 1871, p. 108.

Kimmins & Denning, 1951, p. 126 (♂ type = LECTOTYPE ♂).

Present combination. *Pycnopsyche limbata* (McLachlan).

Stenophylax montivagus McLachlan, 1867, p. 50.

LECTOTYPE ♂. Stelzing, Jul. 61. Zeller. 5. Label in McL.'s writing, *Stenophylax montivagus* McL. (Type). B.M. 1938-674. Printed label (blue), *Stenophylax montivagus* McLach., det. McLachlan.

The abdomen of the lectotype has been cleared in caustic potash and mounted as a microscope preparation in canada balsam.

Present combination. *Consorophylax montivagus* (McLachlan).

Stenophylax mucronatus McLachlan, 1884, p. 9 (♀).

LECTOALLOTYPE ♀. Zürich. Label in McL.'s writing, *mucronatus* McL. B.M. 1938-674. Printed label (blue), *Stenophylax mucronatus* McLach., det. McLachlan.

Stenophylax nycterobia (McLachlan). See *Micropterna*.

Stenophylax sequax (McLachlan). See *Micropterna*.

Stenophylax speluncarum McLachlan, 1875, p. 136.

LECTOTYPE ♂. McL. type-label (mauve). Laibach. Palmén. 54. Label in McL.'s writing, *Stenophylax speluncarum* McL. B.M. 1938-674. Printed label (blue), *Stenophylax speluncarum* McLach., det. McLachlan. LECTOALLOTYPE ♀. Same data.

Stenophylax spinifer McLachlan, 1875, p. 120.

LECTOTYPE ♂. McL. type-label (mauve). Pyrenees, Marshall. Label in McL.'s writing, *Stenophylax spinifer* McL. B.M. 1938-674. Printed label (blue), *Stenophylax spinifer* McLach., det. McLachlan. LECTOALLOTYPE ♀. Same data.

Present combination. *Rhadicoleptus spinifer* (McLachlan).

Stenophylax ucnorum McLachlan, 1876, p. ix.

LECTOTYPE ♂. McL. type-label (mauve). Col du Lautaret. Label in McL.'s writing, *Stenophylax ucnorum* McL. B.M. 1938-674. Printed label (blue), *Stenophylax ucnorum* McLach., det. McLachlan. LECTOALLOTYPE ♀. Same data.

Present combination. *Rhadicoleptus ucnorum* (McLachlan).

Family MOLANNIDAE

Mollanodes zelleri McLachlan, 1866a, p. 179.

LECTOTYPE ♂. McL. type-label (pink). 28/7/63. Label in McL.'s writing, *zelleri* McL. B.M. 1938-674. Printed label (blue), *Mollanodes zelleri* McLach., det. McLachlan.

Molannodes steinii McLachlan, 1872a, p. 118.

LECTOTYPE ♂. McL. type-label (pink). Silesia, Stein. Label in McL.'s writing, *steinii* McL. B.M. 1938-674. Printed label (blue), *Molannodes steini* McLach., det. McLachlan.

McLachlan lists two examples from Silesia in his collection, sent to him by Dr. Stein, and a male taken in Finland by Fedtschenko. Only one Silesian specimen can now be traced amongst McLachlan's material and this has been designated the lectotype. It may be pointed out that although the locality label reads "Silesia, Stein", the original description states that the specimens were collected by de Chanoin (or von Chauvin).

Family CALAMOCERATIDAE

Anisocentropus cretosus McLachlan, 1875a, p. 11.

LECTOALLOTYPE ♀. McL. type-label (pink). Bouru, Wallace, Label in McL.'s writing, *Anisocentropus cretosus* McL. B.M. 1938-674.

Anisocentropus dilucidus McLachlan, 1863, p. 494.

LECTOTYPE ♂. Circular label "N". Rectangular label, N. Gui., Wallace. Saunders, 68.3. Label in McL.'s writing, *Anisocentropus dilucidus* McLach. Example with expanded wings.

Anisocentropus illustris McLachlan, 1863, p. 494.

LECTOTYPE ♂. Circular label "S" (Salwatty). Rectangular label, "N. Gui., Wallace". Saunders, 68.3. Label in McL.'s writing, *Anisocentropus illustris* McLach.

Ascalaphomerus finitimus McLachlan, 1862, p. 304.

LECTOTYPE ♂. N. China, 54.8. Label in McL.'s writing, *A. finitimus* McL. LECTOALLOTYPE ♀. N. China, 54.8.

The lectotype now lacks one antenna and the other is broken and gummed to the left eye. The costal edge of the left fore wing is damaged. The lectoallotype has only the bases of the antennae left and the left fore wing and tip of hind wing are damaged.

Heteroplectron californicum McLachlan, 1871, p. 125.

Kimmins & Denning, 1951, p. 130 (♂ holotype, ♀ allotype = LECTOTYPE ♂, LECTOALLOTYPE ♀).

Fam. LEPTOCERIDAE

Adicella moestella (McLachlan). See *Setodes*.

Adicella reducta (McLachlan). See *Setodes*.

Athripsodes commutatus (McLachlan). See *Leptocerus*.

Athripsodes cuneorum (McLachlan). See *Leptocerus*.

Athripsodes inaequalis (McLachlan). See *Leptocerus*.

Athripsodes interjectus (McLachlan). See *Leptocerus*.

Erotesis baltica McLachlan, 1877, p. 326.

LECTOTYPE ♂. McL. type-label (mauve). Oesel, Nolcken. Label in McL.'s writing, *Erotesis baltica* McL. B.M. 1938-674. Printed label (blue), *Erotesis baltica* McLach., det. McLachlan.

Type with abdomen gummed to card.

Erotesis* (?) *melanella McLachlan, 1884, p. 38.

LECTOTYPE ♂. McL. type-label (pink). São Barnabe, 12/5. Eaton, Portugal, 1880. Label in McL.'s writing, *Erotesis melanella* McL. B.M. 1938-674. Printed label (blue), *Erotesis melanella* McLach., det. McLachlan. LECTOALLOTYPE ♀. Same data.

Hudsonema amabilis (McLachlan). See *Tetracentron*.

Leptocerus cognatus McLachlan, 1862, p. 306; 1868a, p. 212.

LECTOALLOTYPE ♂. McL. type-label (pink). Christchurch, N.Z., Fereday. Label in McL.'s writing, *Notanatolica cognata* McL. B.M. 1938-674.

Present combination. *Notanatolica cognata* (McLachlan), synonym of *Notanatolica magna* (Walker).

Leptocerus commutatus McLachlan, 1877, p. 308.

LECTOTYPE ♂. McL. type-label (mauve). Saxony. Label in Rostock's writing, *Leptocerus commutatus* Rost. Label in McL.'s writing, *commutatus* McL. B.M. 1938-674. Printed label (blue), *Leptocerus commutatus* McLach., det. McLachlan.

Present combination. *Athripsodes commutatus* (McLachlan).

Leptocerus cuneorum McLachlan, 1884, p. 34.

LECTOTYPE ♂. McL. type-label (mauve). Almodovar, 8/5. Eaton, Portugal, 1880. Label in McL.'s writing, *Leptocerus cuneorum* McL. B.M. 1938-674. Printed label (blue), *Leptocerus cuneorum* McLach., det. McLachlan. LECTOALLOTYPE ♀. Same data.

Present combination. *Athripsodes cuneorum* (McLachlan).

Leptocerus exiguus McLachlan, 1862, p. 307.

Mosely & Kimmins, 1953, p. 263 (♂ type = LECTOTYPE ♂).

Present combination. *Symphitoneuria exigua* (McLachlan).

Leptocerus inaequalis McLachlan 1884, p. 34.

LECTOTYPE ♂. McL. type-label (mauve). Almodovar, 8/5. Eaton, Portugal, 1880. Label in McL.'s writing, *Leptocerus inaequalis* McL. B.M. 1938-674. Printed label (blue) *Leptocerus inaequalis* McLach., det. McLachlan. LECTOALLOTYPE ♀. Same data.

Present combination. *Athripsodes inaequalis* (McLachlan).

Leptocerus interjectus McLachlan, 1881, p. cxxx.

LECTOTYPE ♂. McL. type-label (mauve). Bouillon, 10/7. Label in McL.'s writing, *Leptocerus interjectus* McL. B.M. 1938-674. Printed label (blue), *Leptocerus interjectus* McLach., det. McLachlan. LECTOALLOTYPE ♀. Same data.

Present combination. *Athripsodes interjectus* (McLachlan).

Leptocerus lusitanicus (McLachlan). See *Setodes*.

Mystacides leucoptera McLachlan, 1884, p. 37.

LECTOTYPE ♂. McL. type-label (mauve). Lago di Garda, 1.viii.81. Label in McL.'s writing, *Mystacides leucoptera* McL. B.M. 1938-674. Printed label (blue) *Mystacides leucoptera* McLach., det. McLachlan. LECTOALLOTYPE ♀. Same data.

Notanatolica cognata (McLachlan). See *Leptocerus*.

Oecetis intima McLachlan, 1877, p. 331.

LECTOTYPE ♂. McL. type-label (mauve). Krasnowodsk. Label in McL.'s writing, *Oecetis intima* McL. B.M. 1938-674. Printed label (blue), *Oecetis intima* McLach., det. McLachlan.

Oecetis unicolor (McLachlan). See *Setodes*.

Setodes argentifera McLachlan, 1871, p. 129.

LECTOTYPE ♂. McL. type-label (pink). NW. India, Horne. Label in McL.'s writing, *Setodes argentifera* McL. B.M. 1938-674.

Setodes argentipunctella McLachlan, 1877a, p. 105.

LECTOTYPE ♂. McL. type-label (pink). Muckross, Killarney, 18.viii.77, A. E. Eaton. Label in McL.'s writing, *Setodes argentipunctella* McL. B.M. 1938-674. Printed label (blue), *Setodes argentipunctella* McLach., det. McLachlan. LECTOALLOTYPE ♀. Same data.

Setodes lusitanica McLachlan, 1884, p. 40.

LECTOTYPE ♂. McL. type-label (mauve). Ponte de Morcellos, 12/6. Eaton, Portugal, 1880. B.M. 1938-674. Printed label (blue), *Setodes lusitanica* McLach., det. McLachlan.

Present combination. *Leptocerus lusitanicus* (McLachlan).

Setodes moestella McLachlan, 1868, p. 298.

LECTOTYPE ♂. McL. type-label (pink). Zeller, Carinthia. 26/6/67. Label in McL.'s writing, *moestella* McLach. B.M. 1938-674. Printed label (blue), *Adicella filicornis* Pict., det. McLachlan. LECTOALLOTYPE ♀. Date 4/6/67, otherwise as for male.

Present combination. *Adicella moestella* (McLachlan), synonym of *Adicella filicornis* (Pictet).

Setodes reducta McLachlan, 1865, p. 120.

Kimmins, 1949, p. 35 (♂ type = LECTOTYPE ♂).

Present combination. *Adicella reducta* (McLachlan).

Setodes unicolor McLachlan, 1868a, p. 203.

Mosely & Kimmins, 1953, p. 301 (♂ type = LECTOTYPE ♂).

Present combination. *Oecetis unicolor* (McLachlan).

Symphitoneuria exigua (McLachlan). See ***Leptocerus***.

Tetracentron amabile McLachlan, 1868a, p. 201.

LECTOTYPE ♂. Christchurch, N.Z., Fereday. Label in McL.'s writing, *Tetracentron amabilis* McL., Type. B.M. 1938-674. LECTOALLOTYPE ♀. Same data.

The type has the right wings missing (? removed by McLachlan for figuring) and the allotype has the right wings between celluloid.

Present combination. *Hudsonema amabilis* (McLachlan).

Triaenodes reuteri McLachlan 1880, p. lxv.

LECTOTYPE ♂. McL. type-label (mauve). Sweden. P. Wg. Label in McL.'s writing, *Triaenodes reuteri* McL. B.M. 1938-674. Printed label (blue), *Triaenodes reuteri* McLach., det. McLachlan.

Family SERICOSTOMATIDAE

Brachycentrus albescens McLachlan, 1876, p. 256.

LECTOTYPE ♂. Petropol. Kolenati. B.M. 1938-674. Printed label (blue), *Brachycentrus albescens* McLach., det. McLachlan. LECTOALLOTYPE ♀. Data as for male but with additional written label, *Hydronautia albicans* Kolen.

Dinarthrum ferox McLachlan, 1871, p. 118.

Mosely, 1939, p. 335 (♂ holotype = LECTOTYPE ♂).

Helicopsyche lusitanica McLachlan, 1884, p. 28.

LECTOTYPE ♂. McL. type-label (pink). Eaton, Portugal, 1880. Label in McL.'s writing, *Helicopsyche lusitanica* McL. B.M. 1938-674. Printed label (blue), *Helicopsyche lusitanica* McLach., det. McLachlan.

Helicopsyche revelieri McLachlan, 1884, p. 29.

LECTOTYPE ♂. McL. type-label (pink). Porto Vecchio. Label in McL.'s writing, *Helicopsyche revelieri* McL. B.M. 1938-674. Printed label (blue), *Helicopsyche revelieri* McLach., det. McLachlan. LECTOALLOTYPE ♀. Data as for male but lacking McL.'s written label.

Micrasema* (?) *exiguum McLachlan, 1876, p. 265.

LECTOTYPE ♀. McL. type-label (mauve). Zeller. R. 16/7. *Dasystoma nigrum* Br. 44. lit. 4.59. Label in McL.'s writing, *Micrasema* (?) *exiguum* McL. B.M.

1938-674. Printed label (blue), *Micrasema minimum* McLach., det. McLachlan.
 Synonym of *Micrasema minimum* McLachlan.

Micrasema longulum McLachlan, 1876, p. 263.

LECTOTYPE ♂. McL. type-label (mauve). Saxony. Label in McL.'s writing, *Micrasema longulum* McL. B.M. 1938-674. Printed label (blue), *Micrasema longulum* McLach., det. McLachlan. LECTOALLOTYPE ♀. Same data.

Both lectotypes have the right wings missing.

Micrasema minimum McLachlan, 1876, p. 264.

LECTOTYPE ♂. McL. type-label (mauve). Mittenwald, Eaton. Label in McL.'s writing, *Micrasema minimum* McL. B.M. 1938-674. Printed label (blue), *Micrasema minimum* McLach., det. McLachlan.

Micrasema moestum (Hagen) McLachlan, 1884, p. 25.

LECTOALLOTYPE ♀. Spain, Sierra de Gredos. B.M. 1938-674. Printed label (blue), *Micrasema moestum* Hagen, det. McLachlan.

Micrasema morosum (McLachlan). See *Oligoplectrum*.

Micrasema scissum McLachlan, 1884, p. 26.

Kimmins & Denning, 1951, p. 136. (♂ holotype = LECTOTYPE ♂).

Micrasema tristellum McLachlan, 1876, p. 261.

LECTOTYPE ♂. McL. type-label (mauve). Bionassay, 23/7. Label in McL.'s writing, *Micrasema tristellum* McL. B.M. 1938-674. Printed label (blue), *Micrasema tristellum* McLach., det. McLachlan.

Lectotype has right wings missing.

Notidobia griseola McLachlan, 1871, p. 112.

Kimmins & Denning, 1951, p. 139 (♂ type = LECTOTYPE ♂).

Present combination. *Sericostoma griseolum* (McLachlan).

Oligoplectrum morosum McLachlan, 1868, p. 297.

LECTOTYPE ♂. McL. type-label (mauve). Zeller, Carinthia. 17/7/67. Label in McL.'s writing, *Micrasema morosum* McL. B.M. 1938-674. Printed label (blue), *Micrasema morosum* McLach., det. McLachlan. LECTOALLOTYPE ♀. McL. type label (pink). Zeller, Carinthia. 10/7/67. Label in McL.'s writing, *D. morosum* McL. B.M. 1938-674. Printed label (blue), *Micrasema morosum* McLach., det. McLachlan.

Present combination. *Micrasema morosum* (McLachlan).

Pseudoeconesus mimus McLachlan, 1894a, p. 239.

Mosely & Kimmins, 1953, p. 114.

LECTOTYPE ♀. McL. type-label (pink). 11. Wellington, New Zealand. Label in McL.'s writing, *Pseudoeconesus mimus* McL. B.M. 1938-674.

Lectotype has left wings mounted between celluloid and abdomen mounted as a microscope preparation. The preparations are figured in Mosely & Kimmins, 1953.

Pseudoeconesus stramineus McLachlan, 1894a, p. 240.

Mosely & Kimmins, 1953, p. 109.

LECTOTYPE ♂. McL. type-label (pink). 12b. New Zealand, Hudson. Label in McL.'s writing, *Pseudoeconesus stramineus* McL. B.M. 1938-674. LECTOALLOTYPE ♀. Mt. Arthur, New Zealand, 2800 ft., 19/1/86. Label in McL.'s writing, *Pseudoeconesus stramineus* McL. B.M. 1938-674.

The male lectotype has right fore wing and left hind wing mounted between celluloid and abdomen mounted as a microscope preparation. The allotype has the left wings between celluloid and abdomen mounted as microscope preparation.

Pycnocentria aureola McLachlan, 1868, p. 200.

Mosely & Kimmins, 1953, p. 82 (♂ type = LECTOTYPE ♂).

Present combination. *Pycnocentroides aureola* (McLachlan).

Pycnocentria evecta McLachlan, 1868, p. 35.

Mosely & Kimmins 1953, p. 37 (♂ type = LECTOTYPE ♂).

Pycnocentria funerea McLachlan, 1866b, p. 252.

Mosely & Kimmins, 1953, p. 40 (♂ type = LECTOTYPE ♂).

Pycnocentroides aureola (McLachlan). See ***Pycnocentria***.

Schizopelex furcifera McLachlan, 1880, p. xlviii.

LECTOTYPE ♂. McL. type-label (mauve). Pyrenees, 15/6. Eaton, 1878. Label in McL.'s writing, *Schizopelex furcifera* McL. B.M. 1938-674. Printed label (blue), *Schizopelex furcifera* McLach., det. McLachlan. LECTOALLOTYPE ♀. Data as for male but date 11/6.

Sericostoma griseolum (McLachlan). See ***Notidobia***.

Sericostoma hamiferum McLachlan, 1876, p. 232.

LECTOTYPE ♂. Dartmoor, Leach. Labels in Mosely's writing, *CO-TYPE*, *Sericostoma hamiferum* McL., det. M. E. Mosely and See McL., *Mon. p. 232, found in series of S. personatum* Spence. LECTOALLOTYPE ♀. Dartmoor, Leach. *CO-TYPE*, *Sericostoma hamiferum* McL., det. M. E. Mosely.

McLachlan, in his original description, expresses doubt as to the locality label and suggests that the specimens were from N. Italy.

Synonym of *Sericostoma galeatum* Rambur.

Sericostoma subaequale McLachlan, 1898a, p. 49.

LECTOTYPE ♂. Tirol, 31.vii.81. B.M. 1938-674. Printed label (blue), *Sericostoma subaequale* McLach., det. McLachlan. LECTOALLOTYPE ♀. Date 30.vii.81, otherwise as in male.

***Silo fumipennis* McLachlan, 1865, p. 83.**

LECTOTYPE ♂. Kent, Sutton-at-Hone, 10.vi.1864, R. McLachlan. 16/64. B.M. 1938-674. Printed label (blue), *Silo nigricornis* Pict., det. McLachlan. LECTOALLOTYPE ♀. Same data.

These specimens no longer bear any label indicating that they were originally the type-series of *Silo fumipennis* McL., but I have no doubt that they are the specimens referred to by McLachlan.

Synonym of *Silo nigricornis* (Pictet).

***Silo mediterraneus* McLachlan, 1884, p. 23.**

LECTOTYPE ♂. McL. type-label (pink). Apennino Pistoiese, 27.vii.1882, Eaton. Label in McL.'s writing, *Silo mediterranea* McL. B.M. 1938-674. Printed label (blue), *Silo mediterraneus* McLach., det. McLachlan. LECTOALLOTYPE ♀. Same data.

***Thremma gallicum* McLachlan, 1880, p. lviii.**

LECTOTYPE ♂. McL. type-label (mauve). Le Lioran, 26/7. Eaton, 1878. Label in McL.'s writing, *Thremma gallicum* McL. B.M. 1938-674. Printed label (blue), *Thremma gallicum* McLach., det. McLachlan. LECTOALLOTYPE ♀. Pyrenees, 20/6, other labels as in male.

The allotype lacks its abdomen.

BIBLIOGRAPHY

- EATON, A. E. 1873. On the Hydroptilidae, a Family of the Trichoptera. *Trans. ent. Soc. Lond.* **1873** : 125-151.
- KIMMINS, D. E. 1949. The Types of certain species of Trichoptera described by Robert McLachlan. *Entomologist*, **82** : 33-37.
- KIMMINS, D. E. & DENNING, D. G. 1951. The McLachlan Types of North American Trichoptera in the British Museum. *Ann. ent. Soc. Amer.* **44** : 111-140.
- McLACHLAN, R. 1862. Characters of New Species of Exotic Trichoptera; also of one New Species inhabiting Britain. *Trans. ent. Soc. Lond.* (3) **1** : 307-311.
- 1863. On *Anisocentropus*, a new Genus of Exotic Trichoptera, with Descriptions of Five Species and of a new Species of *Dipseudopsis*. *Ibid.* (3) **1** : 492-496.
- 1863a. *Proc. ent. Soc. Lond.* **1863** : 151-152.
- 1863b. Notes on British Trichoptera, with Description of a New Species of *Rhyacophila*. *Ent. Ann.* **1863** : 129-136.
- 1864. On the Trichopterous genus *Polycentropus*, and the allied genera. *Ent. mon. Mag.* **1** : 25-31.
- 1865. Trichoptera Britannica; a Monograph of the British Species of Caddis-flies. *Trans. ent. Soc. Lond.* (3) **5** : 1-184.
- 1866. Note respecting a species of *Apatania*. *Ent. mon. Mag.* **3** : 113.
- 1866a. Description d'un genre nouveau et d'une espèce nouvelle d'Insectes Trichoptères Européens (*Molanmodes zelleri*). *Ann. Soc. ent. Fr.* (4) **6** : 175-180.
- 1866b. Description of new or little-known Genera and Species of Exotic Trichoptera; with Observations on certain Species described by Mr. F. Walker. *Trans. ent. Soc. Lond.* (3) **5** : 247-278.

- MCLACHLAN, R. 1867. Bemerkungen über europäische Phryganiden, nebst Beschreibung einiger neuer Genera und Species. *Stett. ent. Zeit.* **28** : 50-63.
- 1868. Contributions to a knowledge of European Trichoptera (First Part). *Trans. ent. Soc. Lond.* **1868** : 289-308.
- 1868a. On some new forms of Trichopterous insects from New Zealand ; with a list of the species known to inhabit those Colonies. *J. Linn. Soc., Zool.* **10** : 196-214.
- 1871. On new Forms, etc., of extra-European Trichopterous Insects. *Ibid.* **11** : 98-141.
- 1871a. The species of the Trichopterous genus *Plectrocnemia*. *Ent. mon. Mag.* **8** : 143-146.
- 1871b. Notes on the Trichoptera of Zetterstedt's *Insecta Lapponica*, in connection with the nomenclature of British species. *Ibid.* **8** : 281-282.
- 1872. Matériaux pur une Faune Névroptérologique de l'Asie Septentrionale. *Ann. ent. Soc. Belg.* **15** : 60-71.
- 1872a. Notes on the Neuroptera of Siberia and European Russia (in Russian). *C.R. Soc. Amis Sci. nat. Mosc.* **10** : 113-125.
- 1874. *A Monographic Revision and Synopsis of the Trichoptera of the European Fauna*. London. Pt. 1 : 1-46.
- 1875. *Ibid. op.*, pts. 2-3 : 47-144.
- 1875a. Descriptions de plusieurs Névroptères-Planipennes et Trichoptères nouveaux de l'île de Celebes, et de quelques espèces nouvelles de *Dipseudopsis*, avec considérations sur ce genre. *Tijdschr. v. Ent.* **18** : 1-21.
- 1876. *Mon. Rev. Syn. Trich.* Pts. 4-5 : 145-280, and Supplement, pp. i-xii.
- 1877. *Ibid. op.*, pt. 6 : 281-248.
- 1877a. Description of a new species of *Setodes* occurring in the British Isles. *Ent. mon. Mag.* **14** : 105-106.
- 1878. *Mon. Rev. Syn. Trich.*, pt. 7 : 349-428.
- 1879. *Ibid. op.*, pt. 8 : 429-500.
- 1880. *Ibid. op.*, pt. 9 : 501-523, and Supplement, pp. xiii-lxxxiv.
- 1881. Trichoptères, Névroptères-Planipennes, et Pseudo-Névroptères, récoltés pendant une excursion en Belgique au mois Juillet, 1881. *CR. Soc. ent. Belg.* **25** : cxxvi-cxxxvi.
- 1881a. Description of a new species of Trichoptera (*Polycentropus kingi*) from Scotland. *Ent. mon. Mag.* **17** : 254-255.
- 1882. The Neuroptera of Madeira and the Canary Islands. *J. Linn. Soc., Zool.* **16** : 149-184.
- 1884. *A Monographic Revision and Synopsis of the Trichoptera of the European Fauna*. London. 1st Additional Supplement, pp. 1-76.
- 1894. On two small collections of Neuroptera from Ta-chien-lu, in the Province of Szechuen, Western China, on the frontier of Thibet. *Ann. Mag. n. H.* (6) **13** : 421-436.
- 1894a. Some additions to the Neuropterous fauna of New Zealand, with notes on certain described species. *Ent. mon. Mag.* (2) **5** : 238-243, 270-272.
- 1898. Some new species of Trichoptera belonging to the European Fauna, with notes on others. *Ibid.* (2) **9** : 46-52.
- MORTON, K. J. 1893. Notes on Hydroptilidae belonging to the European Fauna, with descriptions of new species. *Trans. ent. Soc. Lond.* **1893** : 75-82.
- 1896. Hydroptilidae collected in Algeria by the Rev. A. E. Eaton. *Ent. mon. Mag.* (2) **7** : 102-104.
- 1898. Two new Hydroptilidae from Scotland and Algeria respectively. *Ibid.* (2) **9** : 107-109.
- MOSELY, M. E. 1939. The Indian Caddis Flies (Trichoptera) Part 7. *J. Bombay Nat. Hist. Soc.* **41** : 332-339.
- 1948. The genitalia of *Ecnomus deceptor* McL. *Proc. R. ent. Soc. Lond.* (B) **17** : 103-104.
- MOSELY, M. E. & KIMMINS, D. E. 1953. *The Trichoptera of Australia and New Zealand*. British Museum (Nat. Hist.), London. 550 pp.

